

STAFF HANDBOOK



Name	Samik, S.Si., M.Si.		
Position	Lecturer on Physical Chemistry		
Academic Career	Degree	University	Year
	Bachelor Degree (Chemistry)	Universitas Negeri Surabaya	2002 - 2007
	Master Degree (Physical Chemistry)	Institut Teknologi Sepuluh Nopember	2009 - 2011
	Doctoral Degree	-	
Employment	Position	Employer	
	Associate Professor	Universitas Negeri Surabaya	
Research and Development Project Over the Last 5 Years	Title	Funder	Year
	Unesa Eco-Batik Pilot Scale Fabrication as an Effort to Realize Sustainable Development Goals (SDGs) 2030	PNBP	2021
	Cyclic Voltammetry Analysis of Phenol Disinfectant	BOPTN	2020
	Sandardization of Coloring and Encapsulation of Psidium Guajava Natural Dyes, Syzygium Aqueum, Garcinia Mangostana as the Leading Green Technology for Textile Industry	DRPM	2019
	Utilization of Pad Steam Dyeing (PSD) Technology for Increasing the Effectiveness and Efficiency of Fabrication of Pilot-Line Eco-Batik Fabrication Scale at Surabaya State University	PNBP	2019
	Difference between Physical and Chemical Characteristics of Red and Green Binahong Extract	BOPTN	2019
	Optimization of Raw Materials through Reuse of Batik Remaining Night to "Zero Waste Management" as an Effort to Develop the Java Economic Corridor Batik Industry	MP3EI DP2M	2017

	Mainstay		
	Utilization of AC Waste Water as a Substitute for Aquades	BOPTN	2016
Community Service Over The Last 5 Years	Title	Funder	Year
	Training on Making Handsanitizer Based on Natural Ingredients in Mojosarirejo Village Driyorejo to Support Health Protocols in the Era of Pandemic	PNBP	2021
	PKM Batik Tanjungbumi Bangkalan Madura	DRPM	2020
	Covid-19 Transmission Prevention Online and Providing Assistance to Affected Residents in the Kutisari Area, Surabaya	BOPTN	2020
	PKM UMKM Hijab Bojonegoro	DRPM	2019
	Training on Making Herbal-Based Health Drinks for Residents of Kandangan Village, Kandangan District, Kediri Regency	BOPTN	2018
	Training on anti-drug counseling in the village of Pesanggrahan, Mojokerto Regency with the theme "Efforts to Improve Sports in the Context of Prevention of Drug Abuse and Eradication of Drugs"	Personal	2017
	Training on Liquid Soap Making in Muncar Banyuwangi as an Alternative for Entrepreneurs	BOTPN	2016
Industry Collaborations Over the Last 5 Years	Title	Partner	Year
Patents and Property Right	Title	Patent ID	Year
Important Publications Over the Last 5 Years	1. Kusumawati, N., Samik , Santoso, A.B., and Muslim, S. (2020). New Natural Dyes Development: Caesalpinia Sappan L.-Curcuma Longa Blended Dyes. <i>Rasayan J. Chem, Vol. 13, No. 2, pp 991 - 999, ISSN: 0974-1496, e-ISSN: 0976-0083.</i>		
	2. Samik , Santoso, A.B., and Kusumawati N. (2019). Diversification of "NAJWA" Hijab Staining using Tie Dye Method Based on Natural Dyes. <i>Atlantis Highlights in Chemistry and Pharmaceutical Sciences, Atlantis Press. Vol.1 pp: 74-78</i>		
	3. Setiarso, S., Rusijono, Bahar, A., Samik , Kusumawati, N. (2019). Standardization of Herbal Tea Quality Production Baureno Bojonegoro Society. <i>Atlantis Highlights in Chemistry and Pharmaceutical Sciences, Atlantis Press. Vol.1 pp: 55-59</i>		
	4. Tukiran, Suyatno, Hidajati, N., dan Samik . (2019). Making Herbal-Based Health Drinks for Residents of Kandangan Village, Kandangan District, Kediri Regency. <i>Jurnal Abdi. Vol.5 No.1, pp: 25-32.</i>		
	5. Kusumawati, N., Samik , and Muslim, S. (2019). Exploration of Natural Dyes by Using a Combination of Caesalpinia sappan and Leucaena leucocephala L. Leaves. <i>Atlantis Highlights in Chemistry and</i>		

Pharmaceutical Sciences, Atlantis Press. Vol.1 pp: 33-37

6. Kusumawati, N., Kistyanto, A., and **Samik**. (2019). Extraction and Application of Natural Dyes from Brazilwood and Water guava leaves. *Atlantis Highlights in Chemistry and Pharmaceutical Sciences, Atlantis Press. Vol.1 pp: 38-42.*
7. Kusumawati, N., Kistyanto, A., and **Samik**. (2019). Quality Improvement of ABBS Hand Writing Batik Production through Standardization of Natural Dyeing using Water Guava and Mango Leaves. *Atlantis Highlights in Chemistry and Pharmaceutical Sciences, Atlantis Press. Vol.1 pp: 29-32*
8. Setiarso, P., Rusijono, **Samik**, Kusumawati, K. (2018). The Production and Characterization of Kaempferia Galangal L-based Herb Powder: Blanching and Drying Procedure Influence on Proximate, Metal, and Microbial Contamination Level. *Advances in Engineering Research, Atlantis Press, . Vol 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7*
9. Kusumawati, N., **Samik**, Santoso, A.B., Wijiastuti, A. (2018). Development of Textile Natural Dyeing using Hybrid Dyes from Mango Leaves Turmeric. *Advances in Engineering Research, Atlantis Press, . Vol 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.*
10. **Samik**, Ediati, R., Prasetyoko, D. (2017). Characterization of Mesoporous NaZSM-5 And K3PO4/NaZSM-5 From Adsorption And Desorption Isotherms. *Advance Science Letters. Vol 23, No. 12, pp: 12025-12028.*
11. **Samik**, Setiarso, P., and Sanjaya, I.G.M. (2017). Utilization of Air Conditioning Wastewater as a Replacement for Aquadest. *Indonesian Chemistry and Application Journal (ICAJ). Vol. 1, No. 1. pp: 1-7.*

Activities in Specialist Bodies Over the Last 5 Years	Organization	Position	Period
	Anti Narcotics Educative Cadre BNNP East Java	Chairman	2014 - Now